

# INTEGRAL MULTILAYER ANALYTICAL ELEMENT FOR ANALYSIS OF AMMONIA OR AMMONIA-PRODUCING SUBSTANCE

## ABSTRACT OF THE DISCLOSURE

5

An integral multilayer analytical element for analysis of ammonia or ammonia-producing substance is provided, which comprises a thin liquid blocking layer having a comparative facility with a thicker liquid blocking layer and is stably fabricated on a common production line employed for different type of slides.

10

In the integral multilayer analytical element for analysis of ammonia or ammonia-producing substance comprising a transparent support, an indicator layer containing an indicator which produces a detectable change by gaseous ammonia, a liquid blocking layer permitting a gaseous ammonia to pass through, a reagent layer containing an alkaline buffering agent and optionally a reagent capable of reacting with said ammonia-producing substance to produce ammonia, and a spreading layer, adhesively laminated in this order, the improvement which comprises that said liquid blocking layer is composed of at least two porous membranes.

15

20